

## **ABSTRACT**

### **Solid-state X-ray detector**

The present invention relates to a solid-state X-ray detector comprising a photosensitive sensor (1) combined with a radiation converter (5) or scintillator.

The radiation detector includes an entry window (8, 9) through which the X-rays upstream of the scintillator (5) pass, and means for applying an electrical voltage between the entry window (8, 9) and the photosensitive sensor (1).

Figure 1